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GROUP 3600

In re Applicant:

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Confirmation No.: 8757

Filed: February 8, 2002

Art Unit: 3672

Serial No.: 10/071,880

Examiner:

For: **SYSTEM AND METHOD FOR
STRESS AND STABILITY
RELATED MEASUREMENTS IN
BOREHOLES**

Docket No.: H053451.0037US0

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

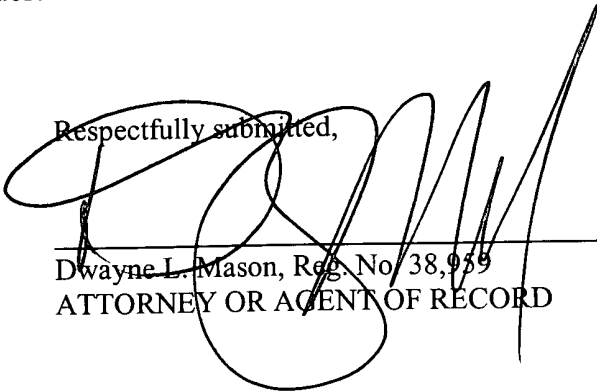
Applicants hereby submit the following references in accordance with 37 C.F.R. §§ 1.56 and 1.97. Copies of the references cited in the attached PTO-1449 are enclosed.

No Fee Required and Conditional Authorization to Charge Deposit Account

No fee is required because, under 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed (1) within three months of this application's filing date, (2) within three months of entry into the national phase under 37 C.F.R. § 1.491 of an international application,

(3) before the mailing date of the first office action on the merits, or (4) before the mailing of a first office action after the filing of a request for continued examination under § 1.114.

Respectfully submitted,


Dwayne L. Mason, Reg. No. 38,959
ATTORNEY OR AGENT OF RECORD

Date: 07/10/02

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/071,880
		Filing Date	February 8, 2002
		First Named Inventor	MICHAEL J. ECONOMIDES
		Group Art Unit	3672
		Examiner Name	
Sheet	1	of	2
		Attorney Docket Number	H053451.0037US0

U.S. PATENT DOCUMENTS

Exr Initials	U.S. Patent Document Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY
	4,044,828		Jones et al.	08-1977
	4,109,717		Cooke, Jr.	08-1978
	4,529,036		Daneshy et al.	07-1985
	4,665,984		Hayashi et al.	05-1987
	4,783,769		Holzhausen	11-1988
	4,974,675		Austin et al.	12-1990
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	5,482,116		El-Rabaa et al.	01-1996
	6,070,666		Montgomery	06-2000

FOREIGN PATENT DOCUMENTS

Exr Initials	Foreign Patent Document Country Code	Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY	T ₁

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.	T ₁
AA	<i>Multiple Hydraulic Fractures</i> , Gas Research Institute, http://www.gri.org/pub/oldcontent/tech/e+p/d+c/ast/techdesc/mhfrac/mhfrac.html , 12 pages (Fall 1997)	
BB	CHEN, Zhongming and M. J. Economides, <i>Effect of Near-Wellbore Fracture Geometry on Fracture Execution and Post-Treatment Well Production of Deviated and Horizontal Wells</i> , SPE, Texas A&M University, SPE Prod. & Facilities magazine, No. 14(3), pp. 177-186 (August 1999)	

Examiner Signature		Date Considered	
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Group Art Unit	3672
Examiner Name	
Attorney Docket Number	H053451.0037US0

Sheet 2 of 2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.	T ₁
CC	<i>Implementation of Real-Data Fracture Analysis Methodology Improves Treatment Success</i> , GasTIPS, http://www.gri.org/pub/content/nov/19981103/173221/gts97-f-toc.html , 12 pages (June 1997)	
DD	<i>High Permeability Fracturing of Gas Wells</i> , Gas Research Institute, http://www.gri.org/pub/oldcontent/tech/e+p/gastips/fall97/high.html , 10 pages (Fall 1997)	
EE	<i>Hydraulic Fracturing Research--New Concepts Will Change Industry Practices</i> , Gas Research Institute, http://www.gri.org/pub/oldcontent/tech/e+p/d+c/techfoc/hydrfrac.html , 4 pages (date unknown), printed February 22, 2001	
FF	Brebbia, C.A., <i>The Boundary Element Method for Engineers</i> , Pentech Press, Plymouth (1978)	
GG	Bui, H.D., <i>Inverse Problems in the Mechanics of Materials: An Introduction</i> , CRC Press (1994)	
HH	Chen, Z. and M. J. Economides, <i>Fracturing Pressures and Near-Well Fracture Geometry of Arbitrarily Oriented and Horizontal Wells</i> , SPE 30531, presented at SPE Annual Technical Conference, Dallas (1995)	
II	Doyle, J.F., <i>Crack Detection in Frame Structures</i> , in <i>Inverse Problems in Mechanics</i> , S. Saigal and L. G. Olson (ed.), AMD, Vol. 186 (1994)	
JJ	Trevelyan, J., <i>Boundary Elements for Engineers - Theory and Applications</i> , Computational Mechanics Publications, Southampton Boston (1994)	

Examiner Signature		Date Considered	
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